

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Mail Stop Patent Application**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Takeshi KIMURA

Inventor(s)

MINIATURIZED MAGNETIC IMPEDANCE SENSOR WITH AN IC CHIP HAVING AN ELECTRODE NEAR A MAGNETIC IMPEDANCE ELEMENT

Title of Invention

## APPLICATION ELEMENTS ENCLOSED:

1. X Specification, total pages 51 including:
  - a. 17 pages of claims (33 claims)
  - b. 1 page(s) Abstract
2. X 6 sheets of      informal X formal drawings (Figs. 1-7)
3.      Oath or declaration of Applicant(s) (      total pages)
  - a.      Newly executed (original)
  - b.      Unexecuted
  - c.      Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 14 completed)
4.      Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5.      Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.      Microfiche Computer Program (Appendix)

## APPLICATION PARTS ENCLOSED:

7.      An assignment (cover sheet & document(s))
8.      37 CFR 3.73(b) Statement (*when there is an assignee*)
9.      Power of Attorney
  - a.      Newly executed (original)
  - b.      Unexecuted
  - c.      Copy from a prior application

10. X Information Disclosure Statement (IDS)/PTO-1449

X Copies of IDS Citations

11.     A Preliminary Amendment

12. X Return Receipt Postcard (MPEP 503)

13.     Applicant(s) hereby establish small entity status under 37 C.F.R. §1.9 and §1.27

14.     If a Continuing Application, check the appropriate box and supply the requisite information:

☐

Continuation of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

☐

Divisional of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

☐

Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

15.     Amend the specification by inserting before the first line of page one: --This is a     continuation  
\_\_\_\_\_ divisional of application Serial No. \_\_\_\_\_ filed \_\_\_\_\_--

16. X Priority of application No. 2002-278175 filed in Japan on September 24, 2002. Applicant hereby  
claims priority under 35 U.S.C. §119.

X A certified copy of priority application No. 2002-278175 is enclosed herewith.

    A certified copy of priority application No. \_\_\_\_\_ has been filed in prior application  
S.N. \_\_\_\_\_ filed \_\_\_\_\_

17.     Other (identify) \_\_\_\_\_


The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

	Number Filed		Number Extra*		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	33 - 20	=	13	X	\$9	\$18	=	\$ 0	\$234.00
Indep. Claims	6 - 3	=	3	X	\$42	\$84	=	\$ 0	\$252.00
Multiple Dependent Claims Presented: Yes <u>   </u> No <u>X</u>					\$140	\$280	=	\$ 0	\$0
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$375.00	\$750.00
					Total Fee			\$	\$1,236.00

- CORRESPONDENCE ADDRESS:

Respectfully submitted,

  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Takeshi KIMURA  
Serial No. : Not Yet Known  
Date Filed : Herewith  
For : MINIATURIZED MAGNETIC IMPEDANCE SENSOR WITH AN IC  
CHIP HAVING AN ELECTRODE NEAR A MAGNETIC  
IMPEDANCE ELEMENT

**Mail Stop Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EXPRESS MAIL LETTER OF TRANSMITTAL**

Express Mail mailing label number: EV325706203US

Date of Deposit: September 15, 2003

I hereby certify that the above-identified application of Takeshi KIMURA, filed herewith, including Specification (51 pages), Claims (1-33, 17 pages), Abstract (1 page), 6 sheets of formal drawings (Figs. 1-7), Information Disclosure Statement (including Form PTO-1449 and copy of reference), a certified copy of Japanese Patent Application No. 2002-278175, application transmittal in triplicate, and a check in the amount of \$1,236.00 for filing fee, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

  
Jamel Rhaab

Mail Room Employee  
Depositing Express Mail Material

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